

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A system comprising:
a subscriber telephonic device connected to a subscriber switched telephone network;
and
a data logging unit in the subscriber switched telephone network, the data logging unit storing caller identifying information upon a call to the subscriber telephonic device from a caller telephonic device in a caller switched telephone network, the data logging unit being connected to a network allowing a subscriber access to the caller identifying information via the network, wherein the data logging unit comprises a database for storing the caller identifying information, a gateway connected to the internet, and a line peripheral connected to the subscriber switched telephone network, wherein the database is accessible through the gateway via the internet and separately via the subscriber switched telephonic network via the line peripheral.
2. (Original) The system of claim 1,
wherein the subscriber switched telephone network and the caller switched telephone network are the same switched telephone network.
3. (Original) The system of claim 1 further comprising:
a line connecting the subscriber switched telephone network and the caller switched telephone network for transferring the caller identifying information from the caller switched telephone network to the subscriber switched telephone network.
4. (Original) The system of claim 3,
wherein the line is one of a CCS7 trunk and a wireless link.
5. (Previously Presented) The system of claim 1,
wherein the database is local to a Service Signal Point of the subscriber switched telephone network.

6. (Previously Presented) The system of claim 5, wherein the data logging unit comprises:

an intelligent peripheral connected to the line peripheral, wherein the database is connected to the intelligent peripheral.

7. - 10. (Canceled)

11. (Previously Presented) The system of claim 1, wherein the database comprises a storage medium storing the caller identifying information.

12. - 13. (Canceled)

14. (Original) The system of claim 1,
wherein the subscriber may access the caller identifying information via a computer, wherein the computer is connected to an internet service provider, and the internet service provider is connected to the internet.

15. (Previously Presented) A method comprising:
accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device, and wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, a gateway connected to the internet, and a line peripheral connected to the switched telephone network, wherein the database is accessible through the gateway via the internet and separately via the switched telephonic network via the line peripheral; and

inputting a password into the caller identifying information retrieval service via the internet, where caller identifying information has been logged with the caller identifying information retrieval service.

16. (Original) The method of claim 15,
wherein the caller identifying information is accessed via a computer connected to an internet service provider.

17. (Previously Presented) A method comprising:
receiving a call from a subscriber via the internet;
prompting the subscriber to input a subscriber password to gain access to caller
identifying information where the caller identifying information has been logged; and
allowing the subscriber access to the caller identifying information if the subscriber
inputs a valid subscriber password, wherein the subscriber may access the caller identifying
information via the internet and separately via a remote telephonic device, and wherein the
caller identifying information has been logged in a data logging unit within a switched
telephone network, the data logging unit comprising a database for storing the caller
identifying information, a gateway connected to the internet, and a line peripheral connected
to the switched telephone network, wherein the database is accessible through the gateway via
the internet and separately via the switched telephonic network via the line peripheral.

18. (Previously Presented) The method of claim 17,
wherein the data logging unit stores the caller identifying information upon a call to a
subscriber phone.

19. (Original) The method of claim 18,
wherein the data logging unit includes a database for storing the caller identifying
information, and wherein the database is local to a Service Signal Point of a switched
telephone network.

20. (Cancelled)

21. (Original) The method of claim 18, further comprising:
prompting the subscriber with a greeting message to alert the subscriber of success in
reaching an caller identifying information retrieval service.

22. (Original) The method of claim 18, further comprising:
prompting the subscriber with a menu of commands allowing the subscriber to chose
to review or edit the caller identifying information.

23. (Previously Presented) The method of claim 22,

wherein the menu of commands is one of a screen menu and a pull down menu.

24. (Previously Presented) The method of claim 22, wherein the menu of commands includes a command to delete caller identifying information.

25. (Previously Presented) The method of claim 22, wherein the menu of commands includes a command to save caller identifying information.

26. (Previously Presented) The method of claim 25, wherein the caller identifying information may be saved on a hard disk.

27. (Previously Presented) A method comprising:
accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device;

viewing caller identifying information via the caller identifying information retrieval service, where the caller identifying information includes an indication of whether callers have left voice mail messages to a subscriber phone, wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, a gateway connected to the internet, and a line peripheral connected to the switched telephone network, wherein the database is accessible through the gateway via the internet and separately via the switched telephonic network via the line peripheral; and
retrieving at least one of the voice mail messages over the internet.

28. (Previously Presented) A method comprising:
accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device;

viewing caller identifying information from at least one caller via the caller identifying information retrieval service, wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, a gateway connected to the internet, and a line peripheral connected to the switched telephone network, wherein the database is accessible through the gateway via the internet and separately via the switched telephonic network via the line peripheral; and

calling back the at least one caller via the internet.

29. (Previously Presented) An apparatus comprising:

means for accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device;

means for viewing caller identifying information via the caller identifying information retrieval service, where the caller identifying information includes an indication of whether callers have left voice mail messages to a subscriber phone, wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, a gateway connected to the internet, and a line peripheral connected to the switched telephone network, wherein the database is accessible through the gateway via the internet and separately via the switched telephonic network via the line peripheral; and

means for retrieving at least one of the voice mail messages over the internet.

30. (Previously Presented) An apparatus comprising:

means for accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device;

means for viewing caller identifying information from at least one caller via the caller identifying information retrieval service, wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, a gateway connected to the internet, and a line peripheral connected to the switched telephone network, wherein the

database is accessible through the gateway via the internet and separately via the switched telephonic network via the line peripheral; and

means for calling back the at least one caller via the internet.

31. (New) A system for use with a subscriber telephonic device connected to a subscriber switched telephone network for allowing access to caller identifying information, the system comprising:

10 a data logging unit in the subscriber switched telephone network, the data logging unit storing caller identifying information upon a call to the subscriber telephonic device from a caller telephonic device in a caller switched telephone network, the data logging unit being connected to a network allowing a subscriber access to the caller identifying information via the network, wherein the data logging unit comprises a database for storing the caller identifying information, and a line peripheral connected to the subscriber switched telephone network, wherein the database is accessible via the internet and separately via the subscriber switched telephonic network via the line peripheral.

32. (New) The system of claim 31,
wherein the subscriber switched telephone network and the caller switched telephone network are the same switched telephone network.

33. (New) The system of claim 31, wherein the data logging unit comprises:
an intelligent peripheral connected to the line peripheral, wherein the database is connected to the intelligent peripheral.

34. (New) The system of claim 31,
wherein the subscriber may access the caller identifying information via a computer, wherein the computer is connected to an internet service provider, and the internet service provider is connected to the internet.

35. (New) A method comprising:
accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately

via a remote telephonic device, and wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, and a line peripheral connected to the switched telephone network, wherein the database is accessible via the internet and separately via the switched telephonic network via the line peripheral; and

inputting a password into the caller identifying information retrieval service via the internet, where caller identifying information has been logged with the caller identifying information retrieval service.

36. (New) The method of claim 35,
wherein the caller identifying information is accessed via a computer connected to an internet service provider.

37. (New) A method comprising:
receiving a call from a subscriber via the internet;
prompting the subscriber to input a subscriber password to gain access to caller identifying information where the caller identifying information has been logged; and
allowing the subscriber access to the caller identifying information if the subscriber inputs a valid subscriber password, wherein the subscriber may access the caller identifying information via the internet and separately via a remote telephonic device, and wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, and a line peripheral connected to the switched telephone network, wherein the database is accessible via the internet and separately via the switched telephonic network via the line peripheral.

38. (New) The method of claim 37,
wherein the data logging unit stores the caller identifying information upon a call to a subscriber phone.

39. (New) The method of claim 38, further comprising:

prompting the subscriber with a greeting message to alert the subscriber of success in reaching an caller identifying information retrieval service.

40. (New) The method of claim 38, further comprising:

prompting the subscriber with a menu of commands allowing the subscriber to chose to review or edit the caller identifying information.

41. (New) A method comprising:

accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device;

viewing caller identifying information via the caller identifying information retrieval service, where the caller identifying information includes an indication of whether callers have left voice mail messages to a subscriber phone, wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, and a line peripheral connected to the switched telephone network, wherein the database is accessible via the internet and separately via the switched telephonic network via the line peripheral; and

retrieving at least one of the voice mail messages over the internet.

42. (New) A method comprising:

accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device;

viewing caller identifying information from at least one caller via the caller identifying information retrieval service, wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, and a line peripheral connected to the switched telephone network, wherein the database is accessible via the internet and separately via the switched telephonic network via the line peripheral; and

calling back the at least one caller via the internet.

43. (New) An apparatus for allowing access to caller identifying information, comprising:

means for accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device;

means for viewing caller identifying information via the caller identifying information retrieval service, where the caller identifying information includes an indication of whether callers have left voice mail messages to a subscriber phone, wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, and a line peripheral connected to the switched telephone network, wherein the database is accessible via the internet and separately via the switched telephonic network via the line peripheral; and

means for retrieving at least one of the voice mail messages over the internet.

44. (New) An apparatus for allowing access to caller identifying information, comprising:

means for accessing a caller identifying information retrieval service via the internet, wherein the caller identifying information retrieval service allows access via the internet and separately via a remote telephonic device;

means for viewing caller identifying information from at least one caller via the caller identifying information retrieval service, wherein the caller identifying information has been logged in a data logging unit within a switched telephone network, the data logging unit comprising a database for storing the caller identifying information, and a line peripheral connected to the switched telephone network, wherein the database is accessible via the internet and separately via the switched telephonic network via the line peripheral; and

means for calling back the at least one caller via the internet.